CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF GRADATION FOR WMM

Lab ID	:	**CP-RW-2017-09-04-01**	**Date: 06-09-2017**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.	
Address	:	Yelahanka Sub division, BBMP, Bangalore.	
Project Name	:	Improvement of footpath and providing missing covering slab at Yelahanka New town 5th phase in Ward no.02 at Yelahanka Sub division.	
Agency	:	Technical Manager (West), KRIDL, BBMP, Bangalore.	
Customer Reference	:	BBMP/EE(YNK.D)/WO/159/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	04-09-2017	
Sample ID No	:	2017-09-04-01/01	
Type of Mix	:	WMM (Wet Mix Macadam)	
Date of test	:	04-09-2017	
Oven Dry Weight	:	11000	Grams

IS Sieve Size(mm)	Weight Retained (gm)	Cumulative Weight Retained (gm)	% Cumulative Weight Retained	% Passing	Spec.I.Vide Table 400.13 MORTH Specification
53	0	0	0.0	100.0	100
45	312	312	2.8	97.2	95-100
22.4	2251	2563	23.3	76.7	60-80
11.2	2172	4735	43.0	57.0	40-60
4.75	2259	6994	63.6	36.4	25-40
2.36	1629	8623	78.4	21.6	15-30
0.6	625	9248	84.1	15.9	8-22
0.075	1342	10590	96.3	3.7	0-5

Note:-

The results pertain to the samples received and tested.
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Samples will be disposed after 30 days from the date of issue of test certificate

CIVIL Pro Sig Date BANGALORE

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

End of Report

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

CP/TF/01

TEST REPORT OF PRECAST COVER SLAB

Date: 09-09-2017

Lab ID	:	**CP-2017-09-06-02**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.
Address	:	Yelahanka Sub division, BBMP, Bangalore.
Project Name	:	Improvement of footpath and providing missing covering slab at Yelahanka New town 5th phase in Ward no.02 at Yelahanka Sub division.
Agency	:	Technical Manager (West), KRIDL, BBMP, Bangalore.
Customer's Reference	:	BBMP/EE(YNK.D)/WO/159/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-09-2017
Sample ID No	:	2017-09-06-02/01
Sample Type /Size	:	Precast Cover Slab
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete
Date of test	:	06/09/2017

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(mm)	(Sq.mm)	(KN)	(N/mm^2)	(N/mm^2)	(N/mm^2)
1	Cover Slab-1	75.38	100.35	1.136	4462	75.3	16.9	15.7	19.6
2	Cover Slab-2	75.45	100.42	1.145	4470	76.8	17.2	16.0	20.0
3	Cover Slab-3	75.36	100.48	1.129	4460	74.3	16.7	15.5	19.4

Note:

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CIVIL Pro BANGALORE Sig..... Date.....

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

****End of Report****

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CEMENT CONCRETE PRECAST CONCRETE BLOCKS FOR PAVING

Lab ID	:	**CP-2017-09-06-02**	**Date: 09-09-2017**
Customer	:	Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.	
Address	:	Yelahanka Sub division, BBMP, Bangalore.	
Project Name	:	Improvement of footpath and providing missing covering slab at Yelahanka New town 5th phase in Ward no.02 at Yelahanka Sub division.	
Agency	:	Technical Manager (West), KRIDL, BBMP, Bangalore.	
Customer Reference	:	BBMP/EE(YNK.D)/WO/159/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	06-09-2017	
Sample ID No	:	2017-09-06-02/03	
Sample Type/ Size	:	Precast concrete blocks for paving	
Reference to BIS codes	:	IS 15658:2006	
Date of test	:	06-09-2017	

1.Compressive Strength

Sl.No.	Dimension (mm)			Compressive Strength	Average
	L	B	T	(N/mm^2)	(N/mm^2)
1	197.36	159.76	78.25	42.5	43.1
2	197.84	159.48	78.48	43.8	
3	199.45	159.82	78.36	42.5	
4	197.78	159.47	78.64	43.5	
5	198.39	158.89	78.82	42.8	
6	198.12	160.09	78.71	43.4	
7	197.36	158.36	77.98	43.2	
8	197.42	159.89	78.12	42.8	

2. Water Absorption

Sl.No.	Wet Weight	Dry weight	Thickness	Water Absorption (%)	Average (%)
1	4.978	4.811	77.85	3.47	3.50
2	4.889	4.716	78.22	3.67	
3	4.964	4.802	78.44	3.37	

Note:
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CIVIL PRO BANGALORE Sig..... Date.....

FOR CIVIL Pro.

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Quality Manager

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Yelahanka, Bangalore

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CP/TF/01

TEST REPORT OF CEMENT CONCRETE KERB STONE

Lab ID : **CP-2017-09-06-02** **Date: 06-05-2017**

Customer : Assistant Executive Engineer, Yelahanka Sub division, BBMP, Bangalore.

Address : Yelahanka Sub division, BBMP, Bangalore.

Project Name : Improvement of footpath and providing missing covering slab at Yelahanka New town 5th phase in Ward no.02 at Yelahanka Sub division.

Agency : Technical Manager (West), KRIDL, BBMP, Bangalore.

Customer's Reference : BBMP/EE(YNK.D)/WO/159/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 06-09-2017

Sample ID No : 2017-09-06-02/01

Sample Type /Size : CC Kerb Stone/ 450*165*400mm

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete

Date of test : 02/05/2017

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	Kg	(Sq.mm)	(KN)	(N/mm2)	(N/mm2)	(N/mm2)
1	A	100.67	165.34	2.764	7958	135.7	17.1	17.1	21.3
2	B	100.42	165.61	2.759	7919	138.2	17.4	17.4	21.8
3	C	100.85	165.77	2.724	7987	136.6	17.1	17.1	21.4

Note:
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CIVIL Pro Sig..... Date..... BANGALORE

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Quality Manager

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Yelahanka, Bangalore

****End of Report****

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